



DEPARTMENT OF DESIGN AND CONSTRUCTION

Eugene C. Lee, P.E., Director*

Craig I. Nishimura, P.E., Deputy Director**



DUTIES AND FUNCTIONS

The Department of Design and Construction (DDC) is the central agency responsible for the planning, design, and construction management of the City's Capital Improvement Program (CIP). Working in conjunction with its clients who are the other operating departments in the City, DDC administers the planning, development, and implementation of capital improvements for all city agencies. These include development of infrastructure and facilities for wastewater, roads and drainage, parks, fire, police, emergency services, customer services, finance, and planning and permitting. Additionally, DDC performs land survey and land acquisition in support of all city agencies.

DDC is organized to efficiently deliver the services required to support its customers. Each division is structured to include the planning, design, and construction management services necessary to implement client needs. The five divisions are:

- Civil Division
- Facilities Division
- Land Division
- Mechanical / Electrical Division
- Wastewater Division

The function of the **Civil Division** involves the planning, design, and construction of civil infrastructure facilities including: streets and highways; drainage and flood control systems; bridges and other public works structures; environmental related projects; and the Soil/Materials Testing Laboratory.

The function of the **Facilities Division** involves the planning, design, and construction of facilities including: municipal and civic buildings; parks and park structures; golf courses; Zoo facilities; municipal auditorium facilities; fire stations; police stations; and corporation yards. Additionally, the Division is charged with the overall space planning, moving, and relocation for all city agencies.

The function of the **Land Division** involves providing land and engineering survey, title search, real property appraisal, negotiation, and document preparation services in connection with the acquisition of lands and easements required for city projects and activities. Acquisitions include various roadways, utility and access rights-of-way, sites for wastewater collection and treatment facilities, sites for solid waste collection/disposal/transfer activities, and sites required for such public uses as parks and playgrounds, golf courses, police and fire stations, and corporation and bus yards.

The function of the **Mechanical/Electrical Division** involves the administration, coordination, management, and monitoring of activities relating to the planning, design, and construction of roadway lighting projects; planning, design, and construction of electrical and mechanical upgrades to existing facilities including lighting retrofit and air-conditioning upgrades; planning, design, and management of energy conservation programs; management of underground storage tank inspections and mitigation; and selected design, management, and installation of improvements to support the City communication system infrastructure.

The function of the **Wastewater Division** involves the planning, design, and construction of wastewater related facilities including: design installation and repair of collections systems, and the design and construction of wastewater treatment plants.

Principal clients consist of the city agencies listed below. The Planning Branches of each division work with the client agency to identify and program its long-term needs and create the annual CIP. As projects are budgeted, the Design and Construction Branches prepare the construction documentation needed to fulfill the client program requirements, and bid and build the facilities.

- Office of the Mayor
- Office of the Managing Director
- Office of the City Clerk
- Office of the City Council
- Department of Corporation Counsel

*Eugene C. Lee replaced Wayne M. Hashiro as Director in June 2006.

**Craig I. Nishimura was appointed as Deputy Director in July 2006.

- Office of Counsel Services
- Department of Information Technology
- Honolulu Emergency Services Department
- Department of Enterprise Services
- Department of Environmental Services
- Department of Facility Maintenance
- Department of Budget and Fiscal Services
- Department of Human Resources
- Department of the Medical Examiner
- Department of Transportation Services
- Honolulu Fire Department
- Honolulu Police Department
- Liquor Commission
- Department of Customer Services
- Oahu Civil Defense Agency
- Department of Parks and Recreation
- Department of Planning and Permitting
- Department of Prosecuting Attorney
- Royal Hawaiian Band

ACTIVITIES

Special Projects

The Special Projects group is tasked with the implementation of high-profile CIP projects or CIP projects demanding integrated, multi-disciplinary, and creative approaches to address design issues and budget constraints. As a result, this group may undertake a variety of project types rather than being regulated to perform a specific type of project, such as parks, roads, etc.

Special Projects consists of one full-time architect, one personal services contract engineer, and one personal services contract clerk. This is a reduction of one part-time engineer and one part-time landscape architect from the previous annual review year. In general, projects are managed from start to completion instead of proceeding from a Planning Branch to a Design Branch and, finally, to a Construction Management Branch.

This past year, Special Projects was involved in the planning, design, and construction of city facilities such as street improvements, park ball fields and courts, park comfort stations, repair of community signs, community master plans, facility assessments, and urban design studies. Of note is the use of a design/build approach for the Honolulu Fire Department Headquarters Complex to reduce city cost, liability, and the time it would normally take to implement a major project.

Special Projects completed 23 projects. Nineteen (19) projects are on-going. Completed major construction projects totaled over \$41 million dollars.

Projects Completed

- Aiea Town Center Beautification
- Bus Rapid Transit Kuhio Avenue Improvements, Package B1
- Bus Rapid Transit Kuhio Avenue Improvements, Package B2
- Bus Rapid Transit Kuhio Avenue Improvements, Package B3
- Bus Rapid Transit Kuhio Avenue Improvements, Package B4
- Bus Rapid Transit Traffic Signal Improvements, Package A1
- Bus Rapid Transit, Transit Stop Improvements, Package A2
- Beautification Program, Kamehameha Highway (Paleka Street to Haikuu Road)



Honolulu Fire Department Headquarters.

- Beautification Program, Mauna Lahilahi Beach Park
- Beautification Program, McCully-Moiliili
- Haleiwa Ali'i Beach Park Parking Lot
- Honolulu Fire Department Headquarters
- Kalo Mini Park Site Improvements
- Kapolei Regional Park Parking and Hula Mound
- Manana Community Park Comfort Station, Skate Facility and Parking Lot
- Millilani Community Park Comfort Station
- Miscellaneous Signage/Marker Improvements
 - Aiea Gateway
- Miscellaneous Signage/Marker Improvements
 - Hawaii Kai Sign Replacement
- Wahiawa Botanical Garden Pavilion and Site Improvements
- Waikiki Mauka-Makai Streets
- Waimanalo All Parks Master Plan – Kaiona Beach Park
- Waimanalo All Parks Master Plan – Makapuu Bathhouse
- Waimanalo Green Belt



Wahiawa Botanical Gardens Pavilion.

Projects On-Going

- Design-Build of New Entrance for Honolulu Zoo
- Haleiwa Economic Redevelopment Plan (Planning)
- Honolulu Fire Department Headquarters Engine No. 9 Repairs
- Honolulu Fire Department Headquarters Complex Museum
- Kahae Road Widening
- Kahaluu Regional Park Phase 1, Field Improvements
- Kahaluu Regional Park Site Improvements
- Kuhio Beach Park Hula Mound Improvements
- Kapahulu Community Master Plan Improvements
- Kapolei Consolidated Corporation Yard, Phase 1
- King Street Improvements Phase 4
- Pearl Harbor Historic Trail – Signage
- Sunset Beach Recreation Center
- Waihole Beach Park Design-Build of Improvements
- Waihole Beach Park Practice Field
- Waikiki Publication Kiosks
- Waialua Fire Station Replacement (Planning)
- Waipahu Depot Road Extension (Planning)
- Waipahu Waterfront Passive Park (Planning)

CIVIL DIVISION

The **Planning and Design Branches** worked on 155 projects; of these 31 were completed within the fiscal year, including two planning study projects and 29 design projects totaling \$63 million in construction. Projects going to construction consisted of one bridge project, five curb ramp projects, eight drainage and stream related projects, three emergency repair projects, one guardrail project, two sidewalk related projects, and nine resurfacing and reconstruction of roadway projects. A total of 114 planning and design projects were on-going at the end of the fiscal year. These projects involve: bridge rehabilitation, concrete bus lanes, curb ramps, drainage improvements, emergency repairs, flood control, highway struc-

tures, planning study(ies), reconstruction/rehabilitation of roadways, rock slide potential inspections, scour protection of bridges – inspection/monitoring, seismic retrofit of bridges, stream improvements, and storm drainage improvements.

The **Construction Branch** worked on 70 projects totaling \$126 million. Of these, 22 were completed within the fiscal year at a cost of \$32 million. The completed construction projects include: five curb ramp projects, two drainage and stream improvement projects, two emergency projects, eight resurfacing/ rehabilitation of roadway projects, four sidewalk projects, one guardrail project, and one bridge replacement project. At the end of the fiscal year, there were 48 projects in varying stages of completion. The estimated construction amount for the on-going projects is \$94 million. The on-going projects involve: bridge rehabilitation/replacement, curb ramps, drainage improvements, roadway and infrastructure improvements, sidewalks, emergency repairs, and rehabilitation of streets.

The **Soils/Materials Testing Laboratory** conducted 269 material analysis (including soil analysis, proctor, AC content, specific gravity, and gradation), 588 field control tests (including compaction testing, California Bearing Ratios [CBR], piezometer, and 41 coring), 100 site investigations, and 157 concrete compressive strength tests. These tests included those conducted for the Department as well as for other City departments and the Board of Water Supply.

PICTORIAL HIGHLIGHTS OF CIVIL DIVISION PROJECTS



Emergency Repair at Hahaione Valley Drainage Channel (before and after).

Construction of Kapolei Parkway Phase 8A.



Rehabilitation of Streets, Unit 45 (Meheula Parkway, Ainamakua Drive, Makaikai Street, Ukuwai Street, and Kipapa Drive).



Bridge rehabilitation – Kamehameha Bridge over Anahulu Stream (before and after).

FACILITIES DIVISION

The **Planning Branch** is responsible for researching and planning the development, expansion, and improvement of city facilities, including municipal and civic buildings, parks and park structures, fire stations, police stations, and corporation yards. The following are examples of the Branch's undertakings:

1. Master planning and project management of individual parks development for the Department of Parks and Recreation (DPR) and the development of facilities for other City agencies, as required;
2. Long-range facilities planning for the DPR and other city facilities, as required;
3. Assembling the annual CIP for the Facilities Division;
4. Amending the annual and six-year CIP to assure continuity of park development and meeting municipal facility needs;
5. Planning the acquisition of and helping coordinate the management of all park lands. The same services are provided for lands required by the Facilities Division for development;
6. Managing production and approvals of applications for Development Plan amendments, environmental assessments, Special Management Area permits, and intergovernmental agreements;
7. Maintaining records on park land transactions, deeds, and facility planning documents, such as master plans and maps showing existing conditions of city facilities; and
8. Planning, land acquisition, architectural programming, and project management of civic facilities, such as fire and police stations, corporation yards, and other municipal buildings and facilities.

During the fiscal year 2004-2005, the branch worked on 36 projects. The following are significant planning projects that the branch worked on:

- Honolulu Fire Department Training Center, 890 Valkenburgh Street, Redevelopment of Master Plan
- Heeia Kea Nature Preserve Master Plan
- Kapolei Regional Park Master Plan and Archaeological Inventory
- Kapolei Consolidated Corporation Yard Master Plan
- Laniakea Beach Support Park Master Plan
- Waianae Regional Park Archaeological Inventory/Master Plan
- Mauna Lahilahi Beach Park, Dry Stack Rock Wall – plan mitigation measures that will prevent the continued erosion and unearthing of Native Hawaiian burials located at the park site
- McCully District Park Master Plan

Project Management and Design

The Facilities Division design function is divided between two branches: Design Branch A and Design Branch B.



Central Oahu Regional Park Aquatics Center and Tennis Complex



Collection System Maintenance Baseyard (Halawa)

Design Branch A implements the Department's CIP for the development of major projects, including municipal and civic buildings, police stations, fire stations, city corporation yards, and various Enterprise Service facilities. The architectural section of Design Branch A is involved in the upkeep of all City facilities requiring various renovations, alterations, relocations, and emergency repair. The in-house design staff completed over 35 repair projects costing approximately \$1.6 million. The following represents repair projects completed by the Branch:

- HPD Headquarters – emergency reconstruction of waterproofing membrane system \$ 584,700
- Makiki Fire Station Reroofing and Building Improvements 565,100
- Civic Center Improvements, FY 2006 – City Hall Emergency Roof & Waterproofing 277,500
- Manoa Fire Station Reroofing 223,500
- Loliana Transitional Housing Plumbing Repair 25,000

The Branch also worked on 36 projects with an estimated total construction cost of approximately \$36.3 million during the fiscal year. These projects include:

- Police Training Academy Indoor Firing Range – Phase II \$ 1,750,000
- McCully Fire Station Replacement 4,887,000
- Mission Memorial Building Renovation . 3,500,000
- Kalihi Fire Station Improvements 650,000
- Kapolei Fire Station Improvements 600,000

Design Branch B implements the City's CIP projects that provide new park facilities for the City, rehabilitate and upgrade existing park facilities to comply with present code standards such as the American with Disabilities Act, in addition to Zoo and golf course projects. The branch worked on 37 projects with an estimated total construction cost of approximately \$16.1 million during the fiscal year. The following represents projects worked on by the branch:



Honolulu Zoo – Keiki Zoo (Animal Encounter Discovery Center). This unique project is designed to be of interest to all ages. It includes active participation by visitors who will be able to climb or crawl through exhibits or physically manipulate things to achieve amazing results. The primary mission is to have visitors realize that each animal is **AMAZING**, whether a cow, horse, goat, chicken, or guinea pig. Animals will be "up close" and may be touched with the aid of the Zoo staff.

- Booth District Park – Reroofing and Miscellaneous Repairs to Building \$ 744,500
- Geiger Community Park Construction of Master Planned Improvements, Phase 2 1,400,000
- Honolulu Zoo – Construction of Miscellaneous Improvements 1,200,000
- Lanakila District Park Roofing and Miscellaneous Repairs to Gym Building 606,200
- Nanakuli Beach Park, Canoe Halau 722,200
- Sunset Beach Neighborhood Park Basketball Courts, Volleyball Court, Tennis Courts and Miscellaneous Improvements 250,000
- Whitmore Gym Multi Purpose Room Improvements 500,000

The **Construction Management Branch** manages and inspects both park and building CIP projects. Twenty-one (21) building construction and improvement projects were completed in FY05 for a total cost of \$21,400,000. Twenty-six DPR construction and improvement projects were completed for a total cost of \$ 25,100,000.

There are currently 52 building and parks construction and improvement projects still under construction for a total cost of \$34,100,000. Examples of major projects include:

- ADA Improvements at Honolulu Hale \$ 843,700
- Ala Moana Regional Park Canoe Halau and Landscaping 715,800
- Booth District Park – Reroofing and Miscellaneous Repairs to Building 744,500
- Hans L'Orange Neighborhood Park Construction of Park Improvements (ball field lighting and appurtenances) 1,132,500
- Kalihi Kai Fires Station – Exterior Painting 50,000
- Kapolei Regional Park Construction of Comfort Station 689,000
- Kapolei Regional Park Improvements Parking Lot & Miscellaneous Improvements 864,600
- Lanakila District Park Roofing and Miscellaneous Repairs to Gym Building 606,218
- McCully District Park Retrofit Gym & Swimming Pool Structures, Phase 1 1,290,300
- Nanakuli Beach Park, Canoe Halau 722,200
- Waimanalo and Palolo Fire Station Reconstruction of Driveways 400,248
- Waimanalo District Park Improvements to Fields A and B 580,000

LAND DIVISION

The Division is organized into three functional units: the Acquisition Branch, the Survey Branch, and the Appraisal Branch. The **Acquisition Branch** conducts title searches, negotiates with property owners to acquire lands and easements for city projects, prepares conveyance documents, and processes such documents for City Council acceptance and recordation at the State Bureau of Conveyances. The branch also prepares documents for Land Court.

The **Survey Branch** conducts land/control/topographic field surveys, makes land boundary studies, and stakes property boundaries. The branch reviews consultants' work, prepares maps and descriptions, makes shoreline certifications, prepares subdivision and land court maps, and prepares maps/charts/graphs for use in court.

The **Appraisal Branch** prepares real estate cost estimates and appraisals for the acquisition or use of real property needed for City projects. The branch also prepares appraisals for the rental and disposal of city properties, and determines valuations for park dedications purposes. It assists the Corporation Counsel in preparing for condemnation trials and provides expert witness testimony on property valuation in court.

Besides servicing the needs of the DDC, the Land Division also services the City Departments of Community Services, Transportation Services, Environmental Services, Parks and Recreation, and Facility Maintenance. The division also assists the Departments of the Corporation Counsel, Police, and Prosecuting Attorney by conducting title searches, performing site surveys and stakeouts, and preparing maps and charts for court cases. The Department of Budget and Fiscal Services receives assistance in the preparation of maps, descriptions, searches, and appraisals for the rental, leasing, and disposal of City properties.

Following are samples of projects that the Land Division provides services for various city agencies:

I. Department of Design and Construction

Ahui Street Fronting 919 Ala Moana Boulevard
 Ahuimanu (47-276) Road
 Ahukini (889) Street
 Aina Haina Community Park
 Ainahou (287) Street
 Akaakaawa (1754) Street
 Akahi (1759) Street

Akalei (881) Place
 Akiki (2318) Place, Pearl City
 Ala Moana WWPS Force Main Modification
 Alahiki (820) Street, Kailua
 Alakoko (7222) Street
 Amelia Street Relief Sewer
 Aumoe Street Sewer Line Replacement

Aumoe (150) Road Encroachment Agreement	Hotel Street and River Street
Banzai Rock Beach Support Park	Houghtailing Street Area Sewer Rehabilitation
Beachwalk Force Main Bypass Line Ownership	Huihui (94-373) Place
Beckwith Street at 2389 E. Manoa Road	Kaaahi Street Drain Repair
Belser (901) Street	Kaeleku (1164) Street
Beretania (1421) Street	Kaeleku (1341) Street
Beretania (1556) Street	Kaelepulu Pond/Stream Ownership
Blood Bank of Hawaii Easement	Kahalooa (3081) Place
Bridge Replacement at Various Locations – La‘i	Kahanahou Place Sewer Easements
Road Bridges	Kahili (1044) Place
California (2645) Avenue	Kahuawai (94-211) Street
Camp Catlin Road & Arizona Road Navy License	Kailua Heights WWPS Bench Mark
Agreement	Kailua Road Underground Utility Easements
Coolidge (804) Street	Kailua Road Sewers I, D. No. 276
Coyne (2128) Street	Kiolu Street Emergency Temporary Construction
Curb Ramps at Various Locations FY2002(2)	Bypass Line
Curb Ramps at Various Locations FY2002(3)	Kalaheo Avenue Reconstructed Sewer
Curb Ramps at Various Locations FY2002(4)	Kalakaua (2057) Avenue
Curb Ramps at Various Locations FY2003(6B)	Kalakaua District Park
Curb Ramps at Various Locations FY2004(3)	Kalapaki (1069) Street, Hawaii Kai
Curb Ramps at Various Locations FY2004(5)	Kalia Road at Hilton Hawaiian Village
Curb Ramps at Various Locations FY2004(6)	Kalihi/Nuuanu Area Sewer Rehabilitation
Curb Ramps at Various Locations FY2005(3)	Kalihi (2858) Street Bus Pad
Curb Ramps at Various Locations FY2005(5)	Kalihi-Uka Swers, Section 5, I. D. No. 213
Curb Ramps at Various Locations FY2005(6)	Kalo Place Mini Park Acquisition
Dole Community Park	Kaloi Gulch Railroad Bridge
East Hind Drive at Opihi Street	Kamamalu Avenue Above 1619 Lusitana Street
Elelupe Road	Kamanaiki Street
Elm Street – Location and Inverts of Sewer Manholes	Kamehameha Highway Bridge over Anahulu Stream
Emergency Low Pressure Sewer Siphon Pumping	Kamehameha Highway Improvements Phase I
Plants at Various Locations	Kamiloiki Channel Wall (950 Kolokolo)
Ewa Villages – Varona and Area E	Kamiloiki Community Park
Ewa Villages – Extension of Kapolei Parkway	Kamiloiki Neighborhood Park
Phase 8A	Kanaina (3615) Avenue
Fire Department Headquarters Property Purchase	Kaneila (6018) Place
Fort Weaver Road Reconstructed Sewer	Kaneohe District Park
Haiku Stairs	Kapiolani (1601) Boulevard at Mahukona Street
Haiku Valley (BWS Land)	Kapiolani Park Trust
Hakimo Road Drainage Improvements	Kapolei Corporation Yard
Halawa District Park	Kapuhi (59-785) Place
Halawa Ditch Slope Repairs at 99-750 Halawa	Karsten Drive Drainage Improvements
Heights Road	Kawa Ditch Improvements
Halawa Heights Sewers ID No. 239 Parcel 178	Kawaihae (290) Street
Acquisition	Kawailoa Beach Park
Halawa Land Beneath and Adjacent to H-3	Kawainui Gateway Park
Halemaumau (490) Street	Kawainui Marsh Transfer to State
Halona Street Relief Sewer	Kawainui Stream Bank Beautification
Hao (209) Street	Keehi Corporation Yard
Hausten Street/Kapiolani Boulevard	Keolu (668) Drive
Hauula Fire Station Relocation	Kewalo Corporation Yard
HECO Campbell Industrial Park Generation Station	Kikoo (91-1736) Street
EISPN	Kilaha (91-652) Street
Heeia Kea Park	King (818) Street South
Hinaea (94-1198) Street	King (1116) Street South
Hobron (343) Lane	Kipuka Place
Hokulani Elementary School	Koko Crater Access Road
Honokahua (1333) Street	Kolohala (4672) Street
Honolulu Corporation Yard & Sand Island Extension	Kona Street/Kapiolani Area Sewer System
Utilities	Kuahelani Neighborhood Park
Honolulu Zoo Entrance	Kuhio (2301) Avenue
Hoohana (1585) Place	Kuhio Beach Park Expansion/Kalakaua Promenade
Hoomaluhia Botanical Garden	Kukanono WWPS Surround Area

Kuliouou Sewer Rehabilitation & WWPS
 Kuliouou Stream
 Kumukahi (807) Place
 Kunia Wells Vacant Lots Ownership
 Laenani Drive Disposal
 Lahaina (84-650) Street Relief Drain Right of Entry
 Laie Sewers, Section 1 I. D. No. 277
 Lala (313) Place Drain Acquisition
 Likelike Highway Burger King
 Lilipuna Road Ownership
 Maili Community Park
 Makakilo Neighborhood Park
 Makaloa Street at Keeaumoku Street
 Makamae (45-1145) Street
 Makiki District Park Elevations
 Manana Infrastructure Improvements, Spine Road
 Manana Infrastructure Improvements, Phase I
 Manana Infrastructure Improvements, Phase IV
 Manana Maintenance Baseyard
 Manoa Stream Tributary Retaining Wall Easement
 Manoa Valley District Park
 McCully District Park
 McCully Fire Station Replacement
 Mililani District Park
 Mililani Neighborhood Park
 Miscellaneous Guardrails at Various Locations FY02
 Miscellaneous Guardrails at Various Locations
 FY05 Haleiwa and Kumuhau
 Miscellaneous Signage/Marker Improvements in
 Aina Haina & Hawaii Kai
 Miscellaneous Storm Drain Improvements – Kekau
 Place
 Moanalua Road FAUS M-7200(1)
 Moanalua Loop Encroachment and Rock Slides
 Mokapu Boulevard/Ilimalia Street Sewer
 Rehabilitation
 Naakea (743) Place
 Nalii Street Relief Sewer
 Nimitz Highway Sewer Reconstruction at OCCC
 Noholoa Neighborhood Park
 Nuhelewai Stream Improvements
 Nuuanu Stream Emergency Repairs
 Ohekani (99-176) Loop
 Ohiakea (99-107) Street
 Oneula Beach Park Emergency Overflow Berm
 OR&L Railroad Right of Way – Lehua Avenue to
 Waiawa Stream
 Owawa Street Fronting 1625 Leilani Street
 Paakai (92-758) Street
 Pakano (556) Loop
 Palolo Valley District Park
 Paopua (671) Loop
 Paty (3330) Drive, Manoa
 Paumakua (3272) Place
 Paumakua Way at 476 Paumakua Place
 Pearl Harbor Historic Trail Park
 Peterson Lane, Pua Lane, Sewer Rehabilitation
 Poipu (8) Drive
 Pooleka Street Drainage Improvements
 Proposed Sunset Beach Recreation Center
 Puaina (91-1108) Street, Ewa
 Punchbowl Street Improvements, Phase 4

Puiwa (141) Road
 Punahou Square and Waianae Landfill Park
 Puu Papaa Radio Station Site
 Quinn Lane – Utility Easement
 Rehabilitation of Streets, Beretania King to Alapai
 Rehabilitation of Streets, Houghtailing
 Rehabilitation of Streets, Unit III-97 – McCully/Date
 Rehabilitation of Streets, Unit III-97 – University
 Avenue
 Rehabilitation of Streets, Unit 10 – St. Louis Drive
 Rehabilitation of Streets, Unit 30
 Salt Lake Boulevard Widening
 Salt Lake Regional Park Rock Removal
 Sand Island Base Miscellaneous Sewer Rehabilitation
 Sand Island Expansion
 Sewer Facilities Rehabilitation Unit III Waialae Iki
 Sewer Manhole and Pipe Rehabilitation at Various
 Locations
 Skyline (1808) Drive
 South Beretania (1902) Street
 St. Louis Heights Sewer Rehabilitation Project
 University Avenue Retaining Wall at Maile
 Way
 Village Park Connector Road, Kupuna Loop to
 Loa Street
 Wahiawa WWTP Effluent Reuse
 Wahiawa District Park
 Waialae Nui Drainage Channel Emergency Repairs
 Waialua Beach Road Drainage Ditch
 Waialua Corporation Yard
 Waihee Stream Bank Protection
 Wailupe Valley Hillside Restoration
 Waimalu Sewer Rehabilitation
 Waipahu Sewer Replacement/Relief
 Waipahu Street/Plantation Village Sewer
 Construction
 Ward (320) Avenue
 Wheelchair Ramps at Various Locations Koko
 Marina
 Wilder (1155) Avenue at Piikoi Street
 Wilhelmina Rise Sewer Rehabilitation
 Woodlawn Area Earth Stabilization, Hulu –Woolsey,
 Part 3

II. Assignments for Other Agencies

A. Board of Water Supply

Lilipuna Street Beach Access

B. Department of Budget and Fiscal Services

Aalapapa (1459) Drive
 Aawa Drive
 Ahuimanu STP
 Aiea Sugar Mill
 Aiea Sugar Mill Lot 16
 Aina Haina Playground
 Alakawa Drain Easement
 Alewa (900) Drive Disposal
 Aliamanu Place
 Alii Place
 Auahi and Queen Streets

Auahi and Queen Streets Rental
 Auld Lane
 Awa Triangle
 Awahiwa (1133) Street
 Bachelot Street
 Bannister Place Disposal
 Beretania and Coyne Streets Alleyway
 Block J Disposal
 Chinatown Manor Commercial Master Lease
 Coral Street
 Coral Wireless Request to Install Telecom
 Equipment
 Daiei Anti-Theft Protection System
 Ewa Villages Common Area
 Ewa Villages Golf Course Disposal
 Ewa Villages Golf Course
 Ewa Villages Golf Course Surplus
 Fort Ruger Circle
 Halawa Regional Park Addition
 Halona Road Disposal
 Hamana (91-002) Street
 Helumoa Road
 Ka Iwi Scenic Shoreline
 Ka Iwi Scenic Shoreline Makapuu Lookout
 Kahaloa Drive Grant of Guy Wire Easement to
 HECO
 Kahaluu Flood Control KA-2
 Kahaluu Watershed Project A-1 Channel
 Improvements Phase 2
 Kalaheo Village Elementary School
 Kamakee Street Land Exchange
 Kamalii Park
 Kamehameha (2045) Highway License
 Easement
 Kamehameha (2200) Highway
 Kamehameha Highway/Cane Haul Road Bridge
 Rehabilitation
 Kamehameha Highway and Laumaka Street
 Disposal
 Kamehameha Highway (Kong)
 Kamokila Boulevard
 Kaukonahua Road
 Keahala Stream Flood Control Channel
 Kekaulike Courtyards
 Kuhio Avenue Mini Park
 Kuhio Avenue Widening
 Kuhio-Kaiolu Off Street Parking
 Kuliouou Road – Access and Utility Easements
 Kuliouou Stream Bridge
 Kunia Wells
 Kuuwelu (91-1660) Place
 Laenani Drive Disposal
 Lehua Avenue and Road A
 Lewers Street and Kalia Road – Easements for
 Chilled Water Service
 Lilipuna Right of Way
 Lurline Drive
 Madeira Street
 Makiki Stream (1455 Kalakaua Avenue)
 Maliko Street
 Manager's Drive Infrastructures

Manager's Drive Infrastructures – Waipahu
 Town Parcel
 Manager's Drive Lots 6-A and 6-B
 Manoa Road ID 184 Disposal
 Manoa Valley Park
 Manoa (3403) Road Disposal
 Mau'umae Nature Park
 Maunaihi Place and Magazine Street
 Mililani Street Communication Easement
 Moaniani Street
 Mokauea and Kaumualii Streets
 Nawaakoa Place Disposal
 Noelani Elementary School Playfield
 Pali Golf Course HECO Easement
 Paty Drive
 Pearl City Corporation Yard Exchange
 Pepper Row
 Poni Street/Daiei
 Poola (5153) Street
 Puowaina (1953) Drive right of Way
 Puuhale Road Widening
 Queen Street (por) License Fronting TMK 2-1-
 50-34
 Queen Street
 Queen Emma Square Park & Queen Emma
 Street
 Queen Emma Street
 Kapolei Hale and Municipal Building
 Robello Lane
 Sale of City-Owned Property – Lilipuna
 School Street and Leilehua Lane
 Sing Loy Lane Disposal
 Sunset Beach Fire Station Relocation Site
 Title Search Request for TMK: 1-7-39-48 and
 49
 Ukuwai Street Roadway Stub
 University Avenue
 University Avenue
 Vineyard Boulevard and Waipa Lane
 Wahiawa Refuse Transfer Station
 Wahiawa Police Station
 Waiaka Dog Pound
 Waianae Police Station
 Waianae Regional Park Addition
 Waimalu Stream Parcels E
 Waipa Lane
 Waipahu Cultural Gardens Park
 West Loch Golf Course Remnant
 West Loch Golf Course/West Loch Shoreline
 Park
 Woolsey (3005) Place – Manoa Slide Parcels
 Woodlawn Drive/Manoa Library
 Woodlawn Drive

C. City Council

Ahuimanu Road
 Aiea Heights (99-1549) Drive – Slope
 Ownership
 Ala Aolani (1445, 1441 and 1437) – Culvert
 Ownership
 Kaipaupau Loop – Easement Ownership

Kalanianaʻole Highway/Makai Pier in
Waimanalo – Ownership
Kalihi Valley District Park – Bridge Ownership
Kalihi Valley District Park - Ownership
Kamehameha (47-675) Highway – Ownership
Karsten (76) Drive – Tree/Easement Ownership
Kolea and Moaniani Streets – Bird of Paradise
Ownership
Laie Community Recreation Center –
Ownership
Lemon Road – Ownership
Lohilani Street – Ownership
Lower (3274C) Road – Wall Ownership
Manoa Road – Ownership
Moanalua Gardens Stream Bank to Dog Park –
Ownership
Niolopua (3402) Drive – Culvert Ownership
Olive Avenue and Lemi Street – Ownership
Paakea Road – Ownership Map Request
Pele Street Deadend – Metal Barrier Ownership
Pilimai Circle (94-494) – Kiawe Tree/Boulder
Ownership
Puowaina Drive “Welcome to Papakolea” –
Vacant Lot Ownership
Pupukea Road – Boulder Ownership
Round Top Drive (abutting 2273) – Ownership
of Drainage Canal
Waiomao (2373) Road – Wall Ownership
Waipahu Elementary School – Rock Wall
Ownership
Wikao (95-1315) Street – Ownership of
Rockfall/Landslide

D. Department of Community Services

Ala Nui Mauka (91-1217) Street
Ala Nui Mauka (91-1717) Street
Appraisal Review – Goodwill Industries of
Hawaii
Association for Retarded Citizens
Bethel (800) Street
Ewa Villages Varona Village/Ewa Hongwanji
Church
Ewa Villages – Lot 3178-B-2
Hart Street
Kahumanu Group Home
Kalihi Street/Kamaniki to Kalaepaa –
Ownership
Kaneohe Elderly Housing
Kekaulike Ewa Block
Kihei Place – Ownership
Mott Smith (2177) Drive – Wiliwili Tree
Ownership
Ota Camp
Queen’s Court

E. Corporation Counsel

Bougainville Drive Jurisdiction
Civil 00-1-1240-04 John Driscoll v. City, et al.
Civil 02-1-1900-08 Daniel Dick v. City
Civil 03-00176 Randy Wong v. City
Civil 03-1-0660-03 P. Onishi, et al., v. Vaughan,
et al.

Civil 03-1-1483-04 L. Lovell v. Heirs of George
Victor
Civil 03-1-2232-11 Susan Tomimoto v. City,
et al.
Civil 03-1-2472-12 City v. Yee Hop Realty
Civil 04-1-0421-03 (DDD) Island Demo v.
Dods, et al.
Civil 04-1-0607-04 (SSM) Jasso, et al. v. City
and County of Honolulu, et al.
Civil 04-1-1645-09 (EEH) Onishi, et al. v. City
and County of Honolulu, et al.
Civil 04-1-1330-07 Dunn et al. v. Department of
Transportation
Civil 04-1-1426-08 BIA Madeline Rodrigues v.
City
Civil 04-1-1674-09 Darrell Poland, et al. v. State
of Hawaii
Civil 04-1-1682-09 KSSA Brian Cullen v. State
of Hawaii, City
Civil 04-1-1832-10 P. Agpaoa v. City
Civil 04-1-1880-10 KSSA Filimoeala et al. v.
City
Civil 04-1-1895-10 Wiley, et al. v. City
Civil 04-1-2133-11 N. Purdy v. San
Construction
Civil 04-1-2232-12 Masters Properties v. City
Civil 04-1-2276-12 Randolph Neal v. City
Civil 04-1-2407-12 Maryann Dickson v. City
Civil 05-1-0266-02 Anderson v. HECO
Civil 05-1-0482-03 Andrews, et al. v. Lee Ohk
He Nam, et al.
Civil 05-1-0552-04 Miyake v. City
Civil 05-1-0846-05 Goto, et al. v. Henderson,
et al.
Civil 05-1-0946-05 Ellen Osborne et al. v.
H. Rahim
Civil 05-1-0062-0 C. Various B. Heirs/Assigns
of Kaaea
Civil 05-1-0063-01 G. Okada et al. v. M. Colon
et al.
Civil 05-1-0307-02 State v. C. R. Churchill
et al.
Civil 05-1-0343-03 State v. Koolau Land
Partners
Civil 05-1-0343-03 (BIA) State v. Koolau Land
Partners
Civil 05-1-0352-03 J. Ogawa v. Heirs of Aurora
Barros
Civil 05-1-0552-04 Miyake v. City
Civil 05-1-1067-06 Martin, Kathy v. City
Civil 05-1-1333-07 Hamamura, Robert et al. v.
City
Civil 05-1-1368-07 Phillip, et al. v. Assn of
Makikolo
Civil 05-1-1833-10 Francis Chun v. Kanoa
Civil 05-1-2161-12 Paul Hieda, et al. v. City
Civil 05-1-2129-11 Pereza v. City
Civil 06-1-0148-01 City v. Aballente Ader,
et al.
Civil 06-1-0892-05 Aukai LLC v. City
Civil 88-3128-10 State/HI v. Queen Emma
Foundation

Civil IRC04-1-1228 Horton v. Victoria Ward, et al.
 Civil IRC06-1-1123 Bjarin, et al. v. City
 Claim of Aiko Tanaka Against City 5/11/06
 Claim of Akanesi Filimoehala Against City
 Claim of Do Hyon Ji Against City 4/12/06
 Claim of Fairmont Specialty Group for K. Uehara
 Claim of Philip Street Elderly Housing Against City
 Claim of Unaite v. City
 Claim of USAA as Subrogee for Jason Leota Against City
 Claim of William Keating Against City
 Convention Center Gateway – Condemnation
 Farrington (86-095) Highway – Claim for Damaged Wall
 Halekauwila (909 and 900) Street – Ownership
 Hart Street
 Kaamooloa (66-341) Road Encroachment
 LCA 677 Amended Petition for Erosion to Lot 1142-A
 LCA 1069 Amended and Restated Petition for Correction
 LCA 1100 First Amended and Restated Petition for Redesignation
 Lewers Street Area Redevelopment Improvement Project
 Makuahine Street & Kalihi Street Intersection – Ownership
 Mokuhano Street Cut-Off Ditch – Ownership
 Oheke (1712) Place Drainage Ditch – Ownership
 Pacific Heights (3204) Road
 Portlock Road Beach Access
 Waimea Bypass Road
 West Loch Fairways

F. Department of Environmental Services

Ala Moana Sewage Pump Station and Force Main Modification
 Ala Moana Wastewater Pump Station Modification
 Gulick Avenue Relief Sewer
 Hart Street New WWPS
 Waiaka Dog Pound Sewer
 Honouliuli WWTP Effluent Reuse, Phases 1, 2 and 3
 Honouliuli WWTP Air Dispersion Modeling Project
 Hulakai Place Ditch
 Huna Street Sewers
 Kahaluu Housing WWTP
 Kahaluu Sewers, Section 3, Improvement District No. 271
 Kahaluu Sewers, Section 1, Improvement District No. 266
 Kahaluu Sewers, Section 4, Improvement District No. 272
 Kahanahou Place Sewer Easements
 Kailua Regional WWTP
 Kalaheo Landfill

Kalihi Uka Sewers I.D. No. 106
 Kalihi-Uka Sewers, Section 5 I. D. No. 213
 Kamehameha Highway Force Main Replacement
 Kaneohe Bay Sewers Improvement District No. 275
 Kaneohe Sewers, Section 9, Improvement District No. 270
 Keehi Transfer Station Drainage Improvements
 Koolau-poko BMP
 Lakeview Circle Easement Gate
 Likini and Ala Hapuu Intersection
 Manoa/Palolo Stream Siphon Crossing
 Nimitz Highway Sewer Libby/Hart WWPS
 North Shore Septage Handling Facilities
 Nuuanu Valley Sewers, Section 3, Improvement District No. 263
 Pacific Palisades Sewer Easement Rock Fall Ownership
 Recycling Technology Park
 Salt Lake - Maintenance for Dredging Phase II
 Sand Island Treatment Plant Center Lease (Hawaii Alcoholism Foundation)
 Sand Island WWTP Disinfection Facility
 Sand Island WWTP General Lease No. S-4341
 Waianae Landfill Fencing
 Wailehua Road
 Waimano Sewers, Improvement District No. 273
 Waipahu Incinerator Ash and Refuse Disposal Site
 Waipahu Private Storm Drain – Ownership

G. Department of Facility Maintenance

Aleka (42-115) Place – Drainage Ditch Ownership
 Appraisals of Caretaker Dwellings
 Aulua Road Closure/Landslide
 Barbers Point – Renton Road/Roosevelt Connection
 Dan S. C. Liu Building Spaces A & B
 Drain Easement at 981 Pukoo Street – Ownership
 Ewa Villages
 Hakimo Road
 Kahaluu House and Gardens Lots Unit 3
 Kalakaua (1550) Avenue
 Kaneohe Dam Inspection
 Kapaa Quarry Road – Easement Ownership
 Kawaihae Street Storm Drain Channel Outlet
 Kekaulike Courtyards
 Kiukee (1460) Place
 Laenani Drive – Redesignation of Easement
 Lanikai Beach Access Between 1326 and 1336 Mokulua Drive
 Makaiwa (951) Avenue
 Makiki Stream Above Fern Street – Ownership
 Manoa Road – Request for Gate
 Manoa Storm Drain Easements
 Manoa Stream Footbridge
 Moanalua Gardens Unit 7 Relief Drain – Extension Supplement

Nanamoana Street Drainage Easements – Ownership
 Napuanani Road
 Oili (1495) Loop Drain
 Pacific Heights (2250) Place – Drain Acquisition
 Pacific Heights (2839) Road – Ownership of Wall
 Palolo Valley Drain Easements E and F – Ownership
 Pawaina Footbridge/Manoa Stream
 Pono Street – Survey Stream Easement Boundaries
 Puuohalai Place/Kaneohe Bay Drive Drain Easement
 River (1331) Street/Foster Gardens
 Round Top (2845) Drive – Acquisition
 Saddle City Road Access Easement
 West Loch Draft Box Culvert

H. Department of Information Technology

Kahe Beach Park
 Kapolei Police Station
 Koko Head Park
 Mililani Mauka District Park
 Sandwich Isles Communication Use and Occupancy

I. Mayor's Office

Chinatown Gateway
 Hui Kelu (45-578) Stream Ownership
 Manoa Road Ownership
 Olopana Street Transfer to State – Supplement #17
 River (1343) Street – Determine Jurisdiction
 Round Top (2255) Drive – Monkey Pod Trees Ownership

J. Department of Parks and Recreation

Ala Wai Boulevard
 Aquatics Center
 Aumoku Street – eight Monkeypod Trees Ownership
 Central Oahu Regional Park (fka Waiola Sports Complex)
 Hahaione Neighborhood Park/Elementary School
 Hauula Beach Park Shoreline
 Ka Iwi Park (Kealahou/Kokohead Golf Course Subdivision 5 and 6)
 Kahala Avenue Between Black Point & Kealaolu – Coconut Palms Ownership
 Kahinani Way and Place Monkeypod Tree – Ownership
 Kaimoani Way R-O-W at Kailua Bay Beach Park
 Kamani Trees on Kuilei Road – Ownership
 Kaneohe Bay Property – Cancel Executive Order 3410
 Kawailoa Beach Park Addition – Parcels 1, 2, 3, 5 and 6-A
 Lanikai Community Park – Tree Ownership

Makiki Heights Drive at 2177 Mott Smith
 Nohona and Wainohia Streets – Flowage Easements 630 and 631
 Paalaa Road Between Kamehameha Highway and Aukai Street
 Park Sites – Current Appraisals for Market Rental Value
 Round Top (4189) Drive
 Tantalus (2726-2756) Drive – 6 Monkeypod Trees Ownership Survey
 Waipahu Cultural Garden Park
 West Loch Golf Course Access Roadway
 Wilhelmina (1999) Rise – Ownership of Pine Tree

K. Department of Planning and Permitting

84-1005 Lahaina Street
 Ahuimanu (47-701) Road
 Dole Street Extension FI#87 University Avenue to Kanewai Street
 Kukanono WWPS and Force Main
 Park Dedication – 1014 Kinau Street
 Park Dedication – 1015 Spencer Street, Makiki
 Park Dedication – 1025 Punahou Street, McCully
 Park Dedication – 1030 Spencer Street, Makiki
 Park Dedication – 1060 Spencer Street, Makiki
 Park Dedication – 1106 Kilani Avenue, Wahiawa
 Park Dedication – 1629 Lusitana Street, Punchbowl
 Park Dedication – 1280 Miloiki Street, Hawaii Kai
 Park Dedication – 1283 Loko Drive, Wahiawa
 Park Dedication – 1302 Miloiki Street, Hawaii Kai
 Park Dedication – 1415 Middle Street, Kalihi
 Park Dedication – 1520 Enos Lane, Makiki
 Park Dedication – 1576 Pensacola Street, Makiki
 Park Dedication – 2005 Kalia Road, Waikiki
 Park Dedication – 2020 Citron Street, Moiliili
 Park Dedication – 215B Kellogg Street, Wahiawa
 Park Dedication – 2214 Aloha Drive, Waikiki
 Park Dedication – 2452 Kalakaua Avenue, Waikiki
 Park Dedication – 2850 Oahu Avenue
 Park Dedication – 333-C Puuhue Place, Liliha
 Park Dedication – 345-A Portlock Road
 Park Dedication – 3467 Harding Avenue, Kaimuki
 Park Dedication – 3632 Salt Lake Boulevard
 Park Dedication – 375 Kapaloala Place, Pauoa
 Park Dedication – 4196 Huanui Street, Kapahulu
 Park Dedication – 436 Ena Road, Waikiki
 Park Dedication – 45-519 Keole Street, Kaneohe
 Park Dedication – 5084 Kiai Place, Wailupe
 Park Dedication – 51-442 Kekio Road, Kaaawa
 Park Dedication – 554-239 Hauula Homestead Road, Hauula

Park Dedication – 55-525 Naniloa Loop, Laie
 Park Dedication – 55-604 Iosepa Street, Laie
 Park Dedication – 59-032 Holawa Street, Haleiwa
 Park Dedication – 6258 Kawaihae Place
 Park Dedication – 6260 Kawaihae Place
 Park Dedication – 642 Magellan Avenue, Punchbowl
 Park Dedication – 67-230 Kapahu Street, Waialua
 Park Dedication – 67-417 Waialua Beach Road
 Park Dedication – 68-052 Akule Street, Waialua
 Park Dedication – 68-180 Au Street, Waialua
 Park Dedication – 734 Ninth Avenue, Kaimuki
 Park Dedication – 770 Isenberg Street, Makiki
 Park Dedication – 84-1142 Lahaina Street, Waianae
 Park Dedication – 85-383 Kaulawaha Road, Waianae
 Park Dedication – 912 Cedar Street, Makiki
 Park Dedication – 92-161 Waipahe Place, Koloa
 Park Dedication – 92-798 Ahikoe Street, Makakilo
 Park Dedication – 92-775 Ahiwa Street, Kapolei
 Park Dedication – 95-060 Waikalani Drive, Waipio
 Park Dedication – 99-040 Lohea Place
 Park Dedication – 99-053 Kinoole Place, Aiea
 Park Dedication – 99-1215 Aiea Heights Drive
 Park Dedication – Farrington Highway, Makaha
 Park Dedication – Kahinani Way, Kaneohe
 Park Dedication – Kalaheo Avenue, Kailua
 Park Dedication – Kamehameha Highway, Laie
 Park Dedication – Kamehameha Highway & Halkou Road
 Park Dedication – Lahaina Street, Makaha
 Park Dedication – Leihoku Street, Waianae
 Park Dedication – Makule Road, Ewa Beach
 Park Dedication – Ocean Pointe Area 3-D
 Park Dedication – Ocean Pointe Area 3-G
 Park Dedication – Ocean Pointe Area IV-1 Phase 2
 Park Dedication – Pupukea Road, Pupukea
 Park Dedication – Wahinepee Street, Laie
 Park Dedication – Waipio Point Access Road, Waipahu
 Status of Lots, Lot 6, Parts 1 and 2
 Status of Lots, TMK: 7-4-9-42
 Status of Lots 1 and 2, TMK 6-6-3-45
 Status of Lots 14 and 15, TMK 1-3-20-40
 Status of Lots 17 and 19, TMK 8-7-12-23
 Status of Lots A, C, D & 20 ft. Lane, TMK 1-5-6-16
 Status of Lots, TMK 1-4-9-7, 36 and 37
 Status of Lots, TMK 7-4-10-47
 Title Search for Code Enforcement – 90 requests between 7/6/05 to 6/30/06
 Waikalani Drive – Turnaround Easement Inquiry
 West Loch Zone Change Application

L. Department of Transportation Services

Bus Bay for Bus Rapid Transit (500 Ala Moana Boulevard)
 Honolulu Bicycle Master Plan Improvements
 Kamehameha (95 South) Highway Bus Shelter
 King Street (North) Widening Imp, Mokauea to Kalihi
 Lanakila Avenue - Kuakini Street Extension
 Leihoku Street Extension
 Lualualei Homestead Road Improvement
 Middle Street Transit Center
 Pearl Harbor Bikepath Extension II
 Renton Road – Bridge To Kihikihi Street
 Traffic Calming at Various Locations – Newtown Neighborhood Association
 Traffic Signals at Various Locations Phase VI
 Traffic Signals at Various Locations Phase 5
 Traffic Signals at Various Locations Phase 6
 Traffic Signals at Various Locations Phase 7
 Waianae Coast Emergency Access Road
 Waianae Valley Road
 Waimano Home Road/Moanalua Road/Kuala Street Intersection Improvements

M. Honolulu Police Department

Orange (84-168) Street

III. State of Hawaii

Ahuimanu – Grant of Drain Easement
 Aiea Heights Drive – Sewer Easement Grant
 Beretania Street Rounding Corner at Thomas Square
 Blanche Pope Elementary School – Grant of Sewer Easement
 Diamond Head Road Widening
 Elepaio Street Drain Outlet Beach Access Easement
 Ewa Beach Sewers, Section 2 Improvement District No. 255
 Ewa Development Project Offsite Water System Phase II
 Haiku Stairs
 HCAP Sublease to Waianae Coast Community
 Honolulu Drains Section I Parcels 37B and 38
 Honowai Elementary School Sewer
 Hookiekie Street
 Interstate Route H-3 Halawa Interchange to Koolau Range
 Kaimakani Street Widening
 Kakaako – HCDA Roads – Dedication
 Kalanianaʻole (5850) Highway Access Easement
 Keaahala Road Widening
 Keaahala Stream Flood Control Phase 1 Parcel D-2
 King Street North/Iwilei Road Elderly Housing
 Koko Head Road & Pahoa Avenue Widening
 Laumaka Street & Bannister Street Widening
 Lualualei, Maili, Uluhewa Beach Parks
 Mahalani Circle – Encroachments
 Maili Channel & Tributaries – License Easement
 Makiki Park – General Lease S-4917
 Miller (1523) Street – Request Waiver
 Nohokai (44-002) Place Drain Easement
 Nuuanu Valley Sewers, Section 3, ID#263

Pali Highway, FAP, Beretania to Vineyard – Ps. 1 to 22
 Pele Street Mini Park
 Pohakea Elementary School Curb Ramp Adjustment Plan
 Puuloa Raod and Kamehameha Highway Remnant Round Top Drive
 Queen Emma Square Park
 Sand Island WWPS Lot 79
 Verizon Cable Grant – Koko Head Park
 Waianae Corporation Yard – License Agreement
 Waianae Multi-Service Center
 Waimanalo Drainage Channel
 Waimanalo Solid Waste Collection Site
 Waipio Point Access Road

IV. Dedication by Private Sector

A & B Industrial Subdivision Phase IB
 Ahuimanu Hills Phase 3 Subdivision
 Aiea Industrial Park Subdivision
 Alakea (1100) Street Rounding Corners at Hotel Street
 Amfac Industrial Subdivision Phase IA
 Area 6 Phase A (Sun Terra/Park Phase A)
 Area 6 Phase B (Sun Terra/Park Phase B)
 Area 6 Phase C (Sun Terra/Park Phase C)
 Area 6 Phase D (Sun Terra/Park Phase D)
 Beretania Street Widening Ordinance 2412 Lot 218
 Beretania Street – Ordinance 2412 Lot B
 Campbell Industrial Park Increment 4
 Cane Haul Road Sewer Easement A
 Castle Hills Subdivision
 Copra Village Subdivision
 Country Club Village Subdivision
 Ewa by Gentry Area 5 Phases A to E
 Ewa by Gentry Area 7 Phases A to G
 Ewa by Gentry Area 27B Phase I
 Ewa by Gentry Area 27B Phase II
 Ewa by Gentry Area 27B Phase III
 Ewa by Gentry Area 27B Phase IV
 Ewa by Gentry Area 29/30
 Farrington Highway Widening at Kapolei Knolls
 Fourth Street at Lehua Avenue Ordinance 2412
 Gentry Business Park
 Highpointe at Makakilo – Cable Easement
 Hila Tract – Cancellation of Sewer Easement
 Imipono Subdivision
 Iwalani Village – Kapolei
 Iwilei Road & King Street Intersection, Lot 1-B
 Iwilei Road Widening – Ordinance 2412
 Kalaeloa Boulevard/Malakole Street Intersection
 Kalaimoku Street Rounding Corners at Kalakaua and Kuhio
 Kalakaua (2100) Avenue – Cancellation of Sewer Easements
 Kalawahine Streamside Subdivision
 Kamilo Heights Increment II
 Kanekapolei/Kuhio Pedestrian Access Easement
 Kapolei Business Park
 Kapolei Knolls Subdivision
 Kapolei Park Commercial Area
 Kau Street Extension (Costco)

Kaunala Acres Subdivision Unit 1
 Kaunala Beach Lots/Sunset Beach Colony
 Kekuilani 4 Subdivision
 Keolu Summit
 King Street (North) – Ordinance 2412 Lot A-2
 King Street (215) Pedestrian and Sewer Easements
 Kuakini Medical Plaza – Roadway Dedication
 Kumu Iki 1
 Kumu Iki 2A
 Kumu Iki 2B
 Lanikea at Waikiki – Sewer and Sidewalk Easements
 LDS Wahiawa Chapel Flowage Easements
 Lenakona Industrial Subdivision
 Leonani at Hawaii Development
 Maili Kai Subdivision, Unit 2A
 Maili Kai Subdivision, Unit 2B
 Makiki Heights Drive Sewer Easements
 Malanai Phases 1, 2, 3A and 3-B
 McCully (1100) Street – Ordinance 2412
 Mililani Mauka MF109 Subdivision
 Mililani Mauka MF112/111 Subdivision
 Mililani Mauka MF113 Subdivision
 Mililani Mauka Offsite Phase 7A
 Mililani Mauka Offsite Phase 10
 Mililani Mauka Offsite Phase 11
 Mililani Mauka Offsite Phase 12
 Mililani Mauka Rec Center 7
 Mililani Mauka Unit 119 Subdivision
 Mililani Mauka Unit 120 Subdivision
 Mililani Mauka Unit 121A Subdivision
 Mililani Mauka Unit 121B Subdivision
 Mililani Mauka Unit 122 Subdivision
 Mililani Mauka Unit 124 Subdivision
 Mililani Mauka Unit 125 Subdivision
 Mililani Mauka Unit 125 Subdivision
 Mililani Mauka Unit 128 Subdivision
 Mililani Mauka Unit 129 Subdivision
 Mililani Mauka Unit 130A Subdivision
 Mililani Mauka Unit 130B Subdivision
 Mililani Technology Park Phase 1-C
 Mililani Technology Park Phase 1-D
 Mill Town Center Phase 1B
 Monsarrat and Kanaina Avenues – Ordinance 2412
 Nanakuli Residence Lots 4th/5th Series
 Nuuanu Estates Subdivision
 Ocean Pointe Subdivision, Phases IA, IB and IC
 Palehua Terrace Subdivision
 Pali Momi Medical Center – Pedestrian Access
 Pearl City Storage Site
 Pearl Highlands Center
 Pearl View Estates Cluster
 Princess Kahanu Estates
 Puuhale Industrial Block B
 Royal Kunia Increment D
 Royal Kunia Road R Phase II Subdivision
 Royal Kunia Site 12
 Royal Kunia Sites 13A and 13B
 Sun Terra Phases E to K
 Village Park Phase 16
 Villages of Kapolei
 Waialae Avenue and Third Avenue – Ordinance 2412
 Waialae Iki V Phases 2B and 2C

Waianae Agricultural Park Subdivision
 Waianae Valley Residence Lots, Unit 2-A-2
 Waikele 9C Subdivision
 Waikele Area 10-A (Highland View Estates)
 Waikele Area 15 Subdivision
 Waikele Development, Lumiauwau Street Extension
 Waikele Phase 20 Cluster
 Waikiki – Pedestrian Easements
 West Beach 2
 Westcliff Subdivision
 Wikao St/Waikalani Drive
 Young Street and Artesian Street – Ordinance 2412
 Young Street and Kaheka Street – Ordinance 2412

V. Miscellaneous

Access Roads for TMK 8-5-4-106 and 105 –
 Ownership
 Alewa (1102) Drive
 Aukele (1146) Street – Ditch Ownership
 Cancellation of Easements – Komo Mai Drive
 Clayton Street - Ownership
 Consuelo Subdivision – Environmental Assessment
 Convention Center Redevelopment Plan
 Creeping Slope Between 1621 Ala Lani and 1638 Ala
 Aolani
 Crozier Loop – Ownership
 Deep Draft Harbor – Request Dedication of 2 Lots
 Dewey Lane Improvements
 Diamond Head Road Drain – Ownership
 Flowage Easement 1490 – Authorization to Cancel
 Hanapepe (142) Loop
 Hauula (54-083) Homestead Road
 Honolulu C&C FCU – Cancellation of Sewer
 Easement
 Hinapu (46-110) Street Easements
 Kahaluu Hui Koolau SPS
 Kalawahine (2107) Place – Grant of Sewer Easement
 Kanalani (59-762) Place
 Kapahulu Avenue Remnant at Makee Street
 Kilauea Avenue, 22nd to Luawai – Ownership
 Kohai Place – Ownership
 Kuakini Street Extension Draft Environmental
 Assessment

Laniloa (1800D) Place
 Lau'o (91-1181) Street – Easement Ownership
 Lewers (346) Street – Release of Covenant
 Maili Stream and Tributaries Line M-4 –
 Cancellation Request
 Makakilo-Palehua – Cancellation of Easements
 Makakilo City/Kapolei Shopping Center – Request to
 Cancel Drain
 Makua Military Reservation – EIS
 Manana Infrastructure Improvements (WalMart)
 Mehe (94-515) Place – Maintenance Easement
 Ownership
 Mililani Mauka Offsite R&U 14A – Request to
 Cancel Easements
 Mililani Technology Park – Authorization to Cancel
 Easements
 Mililani Mauka North Gully – Request to Cancel
 Easements
 Momilani Suburbs Unit 10-A – Request to Cancel
 Drain Easement
 Pacific Palisades 5A, 8 and 9 – Request to Cancel
 Flowage Easements
 Palehua East B Phase 2 – Authorization of Cancel
 Easements
 Pearl City Storage Site at Hila Street
 Po'okela At Sea Country – Irrigation Easement
 Puowaina (1848) Drive – Rock Wall Ownership
 Pupukea Paumalu Homestead Road – Ownership
 Royal Hawaiian Shopping Center – Cancellation of
 Easements
 Salt Lake Sediment Design and Construction Project
 Sam's Club Fueling Station – Cancellation of Sewer
 Easement
 Street Monument Complaint – Aipo, Ahukini Streets
 UH Biomedical Science Building – Cancellation of
 Sewer Easement
 Ukuwai Street – Cancellation of Easements
 Waikane Valley Road Ownership
 Waimalu Stream Flood Control Unit II, Parcel 19
 Waimanu Stream Bridge
 Waipio Point Subdivision – Request to Cancel Sewer
 Easement

Land Services Summary of Accomplishments

Parcel and Land Court Maps	130
Maps Reviewed	32
Number of Parcels	176
Descriptions	426
Reviewed/Stamped	234
Title Searches Checked	238
Topographic Maps	122
Field Surveys	256
Appraisals by Staff	246
Fee Parcels	56
Easement and Rentals	69
Parcels Reviewed	37
Park Dedications	84
Title Searches	1,258

Research Assignments	5,293
Abstract Section	385
Document Section	4,255
Negotiations Section	43
Survey Section	610
Negotiations	943
Parcels Acquired	170
Condemnation	8
Negotiations	50
Dedications	112
Request for Eminent Domain Proceedings	10
Documents	104
Acquisition Documents Processed	38
Dedication Documents Recorded	65
Correspondence and Misc. Reports	4,975

MECHANICAL/ELECTRICAL DIVISION

The **Energy Conservation and Indoor Electrical Branch** provides for coordination, planning, design, and implementation of programs, including:

- Participating in energy conservation programs sponsored by utility companies and State agencies;
- Developing long-range planning of energy conservation projects for general government office buildings;
- Working with other city agencies, such as the Department of Enterprise Services, in planning energy conservation improvements in their facilities;
- Reviewing mechanical and electrical proposals, designs, plans, and specifications prepared by private consultants for improvement projects at various city facilities for compliance with state, city, and safety standards and codes, engineering practices, and energy conservation;
- Managing, coordinating, and designing mechanical and electrical improvement projects in the areas of plumbing, air conditioning, underground fuel storage tanks, energy conservation, indoor electrical, lighting, and public address systems;
- Maintaining inventory of the city underground fuel storage tanks and managing on-going mitigation and groundwater monitoring projects; and
- Investigating complaints of indoor air quality and hazardous materials at various city facilities.

List of Accomplishments

- Continued participation in the Hawaiian Electric Company (HECO) Energy Efficiency Program. In FY06, the City received \$65,736 in electricity rebates for various projects. These projects helped to reduce the City's electricity consumption by 1.2 million kilowatt-hours. The City has received \$525,145 in rebates since the inception of this program.
- Continued participation in the U. S. Department of Energy Rebuild America/Rebuild Hawaii Program, including participation at quarterly meetings and workshops. Workshops attended include: the Energy 2005 Workshop and Conference in Long Beach, California; the Pacific Coast Electrical Association Conference and Workshop in Waikoloa, Hawaii; Lightfair International 2006 in Las Vegas, Nevada; and the West Coast Energy Management Congress in Seattle, Washington.
- Prepared an initial assessment of the conditions of the emergency generators at the Honolulu Municipal Building. The assessment led to the development of the future project to replace the generators and upgrade the emergency power systems.
- Planned, designed, and programmed the new computerized lighting system for Honolulu Hale for the 2005 Honolulu City Lights celebration.



The branch also provided assistance for the following projects:

- Investigated and mitigated indoor air quality issues in the offices of the Department of the Corporation Counsel.
- Assessed indoor air quality of problematic areas in Honolulu Hale.
- Investigated accidental gasoline release at the Pearl City Police Station fueling area.
- Analyzed electricity bills for the Department of Enterprise Services for the past two fiscal years.
- Assessed maintenance/design problems with the filtration system at the Honolulu Zoo's flamingo and waterfowl ponds.
- Investigated maintenance/design problems with the sewage shredder pump in the cellblock of the Honolulu Police Department Headquarters.
- Investigated water infiltration problems at the Kaneohe Police Station.
- Upgraded leak detection and monitoring equipment for the fuel storage tanks at various police stations.
- Assessed condensation problems on the refrigerant lines to the refrigeration system at the Honolulu Zoo Commissary.
- Prepared in-house mechanical and electrical designs for the renovation of the Pearlridge Satellite City Hall.
- Assessed indoor air quality of the Pearlridge Satellite City Hall.
- Prepared specifications and proposals for the replacement of the air conditioning unit for the commercial space at the Kekaulike Courtyard complex.
- Determined scope of work for the replacement of the air conditioning system at the Waianae Community Center.
- Corrected deficiencies to the underground fuel piping at the Kalihi Police Station.
- Participated in the City's Energy Issues Committee to help the City reduce electricity consumption
- Investigated and made recommendations for the replacement of the sewage lift station at Kapolei Hale.

Projects Completed

- Kapolei Hale Air Conditioning System Upgrades – Installation of a new energy management system to control the air conditioning system for energy savings and better employee comfort. This project also involves modifications to the cooling towers and chiller plant for more energy efficiency.
- Hale Pauahi Municipal Parking Structure Lighting Improvements – Replacement of obsolete fluorescent fixtures with new energy efficient fixtures to reduce energy consumption and to provide a better sense of security in the parking structure.



*Hale Pauahi
Municipal Parking
Structure before
and after lighting
improvements.*

- HPD Computer Room Air Conditioning System Improvement – Replacement of an obsolete air conditioning unit with a more energy efficient unit and the installation of a back-up unit for system reliability.
- Pali Golf Course Maintenance Facility Fuel Storage Tank Replacement – Replacement of the above ground diesel and gasoline storage tanks that provide fuel to the maintenance vehicles at Pali Golf Course.

Projects On-Going

- Energy Services Performance Contracting for Honolulu Municipal Building and Honolulu Police Department Headquarters – Replacement of the central air conditioning plant in the Honolulu Municipal Building and the modernization of the air conditioning system in the Police Department Headquarters. This project will save approximately \$500,000 annually in operating costs.
- Neal Blaisdell Center Arena Air Conditioning System Upgrades – Replacement of 16 obsolete air conditioning units around the arena with a modern central chiller plant.
- Honolulu Municipal Building (HMB), Installation of Fire Sprinkler System – Installation of a fire sprinkler system

and the upgrade of the fire protection systems in the HMB.

- Police Department Headquarters Vehicle Wash Facility, NPDES Improvements – Replacement of the automatic car wash system and other facility improvements to meet NPDES requirements.
- Environmental Services at Various City Facilities and Environmental Clean-up and Monitoring of Various Underground Storage Tank sites.
- Mayor’s Office Air Conditioning System – Installation of a new independent air conditioning system for the Mayor’s Office.
- Neal Blaisdell Center Energy Study – Establishment of baseline energy usage and recommended energy conservation improvements.
- Sunset Beach Fire Station – Installation of a new air conditioning system for dining/meeting room area.
- Kaneohe District Park Swimming Pool Heating System – Replacement of heat pumps.
- Kulana Nani Apartment – Replacement/modernization of existing elevators.

The **Street Lighting and Facilities Electrical Branch** provides for planning and design of roadway and public facilities lighting and for design and review of parks electrical facilities (indoor and outdoor lighting and electrical systems), including:

- Participating in the planning and development of capital improvement street lighting projects with other city agencies and input from the general public;
- Reviewing street lighting proposals and design plans and specifications prepared by private consultants for compliance with city requirements;
- Reviewing parks electrical proposals, design plans and specifications prepared by private consultants for compliance with city requirements (1,330 street lighting and parks electrical work in FY06);
- Investigating public complaints relating to the city street lighting systems (346 in FY06);
- Establishing standards for roadway lighting on city streets;
- Reviewing excavation/trenching permits for conflicts with city-owned underground street lighting and fiber optic systems (761 in FY06);
- Performing construction inspection of street lighting systems installed new or modified by private developers in subdivisions and other private developments (252 in FY06);
- Performing construction management and inspection of city street lighting projects and City parks electrical projects (1,934 in FY06); and
- Managing joint pole coordination for the City with the Hawaiian Electric Company (874 in FY06).

Design Projects Completed

• Utilities Relocation, Undergrounding Overhead Utilities – Kailua and Salt Lake	\$ 225,000
• Utilities Relocation, Undergrounding Overhead Utilities – Kaneohe/Kahaluu	50,000
• Utilities Relocation, Undergrounding Overhead Utilities – Alewa Nuuanu	625,000
• Replacement of Fire Alarm Systems at Various Parks	60,000
• Farrington Highway Street Lighting Improvement	50,000

Design Projects On-Going

• Anti-Crime Street Lighting Improvements – Hawaii Kai	\$ 80,000
• Anti-Crime Street Lighting Improvements – Lunalilo Home Road	153,400
• Anti-Crime Street Lighting Improvements – Waimanalo	49,847
• Waialua Beach Road Street Lighting Improvements	120,000
• Waikele Community Park – Parking Lot and Swimming Pool Lighting	57,459
• Waialua Beach Road Street Lighting Improvements Phase II	40,000

Construction Projects Completed

• Koko Head District Park – Softball Field Lighting System	\$ 512,000
• West Loch Fairways Street Lighting Improvements, Phase II	1,393,000
• West Loch Estates Replacement of Walkway Lights	350,000
• Anti-Crime Street Lighting Improvements – Chinatown IIA	810,000
• Anti-Crime Street Light Improvements/Utilities Relocation - Kailua Road	2,013,115

Construction Projects On-Going

• West Loch Estates Replacement of Walkway Lights – Phase 2	\$109,908
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• Replacement of Fire Alarm Systems at Various Parks	212,000
• Replacement of Street Lights – Mililani	440,520
• Anti-Crime Street Lighting Improvements – Kalakaua Part 2 (Ala Moana - Kapahulu Avenue)	2,631,895
• Anti-Crime Street Lighting Improvements – Waikiki (Part III – Kalakaua Avenue Mauka Side from Ala Wai Boulevard to Pau Street)	461,785
• Diamond Head Road Master Plan Improvements	1,119,106



West Loch Estates Walkway Lights

West Loch Fairways Street Lights



Wastewater Division

The **Planning Branch** was involved in activities and projects that included: long-range facilities planning, Environmental Impact Statements and Environmental Assessments preparation and review, Planning Assessment Reports, preliminary engineering reports, environmental clearances, land acquisition requests, Special Management Area Permits preparation, Intergovernmental Agreements, City Council resolutions, and new systems development.

The long-range sewer rehabilitation plan completed in 1999 was approved by the United States Environmental Protection Agency in March 2000. This project, which began in 1993, was one of the largest planning projects undertaken by the City. The final plan sets the direction that Honolulu will be taking over the next 20 years to improve the sewer system to meet the City's goals for environmental improvement. Over 165 projects were identified which need to start between 2000 and 2019. Approximately 43% of the projects have been started.

The branch also provided planning support to the Facilities Division over the past year, primarily with parks-related projects.

The active planning projects for calendar year 2005 are listed below by wastewater treatment plant tributary area:

East Mamala Bay

- Airport Sewer Rehabilitation/Reconstruction
- Ala Moana Boulevard/Auahi Street Sewer Rehabilitation
- Ala Moana Boulevard Sewer Reconstruction
- Ala Moana Wastewater Pump Station Force Main No. 3
- Ala Moana Wastewater Pump Station Force Main Replacement
- Aliamanu No 1 and 2 Wastewater Pump Station Upgrade
- Beachwalk Force Main Replacement
- Beachwalk (New) Wastewater Pump Station
- Halona Street Relief Sewer
- Houghtailing Street Area Sewer
- Kahala Avenue Sewer Structural Rehabilitation
- Kahanu Street, School Street and Umi Street Relief Sewers
- Kalaniana'ole Highway Sewer Relief/Rehabilitation
- Kalihi/Nuuanu Area Sewer Rehabilitation

- Moiliili-Kapahulu Sewer Rehabilitation/Reconstruction
- Nimitz Highway at Libby Street Sewer Rehabilitation
- Waikiki Sewer Rehabilitation/Reconstruction

West Mamala Bay

- Foster Village Sewer Rehabilitation/Reconstruction
- Hanawai Circle Sewer Rehabilitation
- Honouliuli WWTP Upgrade
- Leeward Area Sewer and Manhole Rehabilitation
- Mililani Reclamation Facility
- Renton Road Sewer and Manhole Rehabilitation
- Waipahu Sewer Replacement/Relief
- West Mamala Bay Facilities Plan

Kailua/Kaneohe/Kahaluu

- Alii Shores Wastewater Pump Station Upgrade
- Alii Shores Sewer Rehabilitation
- Kailua/Kaneohe Sewer Manhole and Pipe Structural Rehabilitation
- Kailua/Kaneohe Sewer Rehabilitation
- Kalaeo Avenue/Mokapu Road/Aikahi Loop Sewer Rehabilitation
- Kamehameha Highway Sewers, Improvement District
- Kaneohe Bay Drive Trunk Sewer Reconstruction
- Kaneohe/Kailua Force Main No. 2
- Waikapoki Wastewater Pump Station Upgrade

Waianae

- Makaha Interceptor Sewer Rehabilitation/Reconstruction

Wahiawa

- Central Oahu Facilities Plan
- Wahiawa Wastewater Treatment Plant Influent Pump Station
- Wahiawa Wastewater Treatment Plant Modification

Waimanalo

- Waimanalo Sewer Rehabilitation

Island-Wide

- Sewer Manhole and Pipe Rehabilitation – Various Locations
- Sewer Relief Projects – Kahanahou Circle and Amelia Street
- Small Mainline Projects
- Small Sewer Pipe Diameter Rehabilitation Program
- Wastewater Information Management System – Sewer Flow Analysis System Development

Other Projects

- Department of Environmental Services Support on EPA NOVs
- Reconstruct Park Wastewater Systems, RD1

The **Design Branch** completed 19 major design projects. Bids totaling \$123,343,193 were received. A total of \$134,887,979 was encumbered in FY06 with \$11,544,786 in construction contingency. Thirty-four (34) major projects are still under design.

Associated with wastewater facility planning and design, the Design Branch was involved in the review of Facility Plans, Master Plans, Design Standards and Preliminary Engineering Reports, the preparation of Operations and Maintenance (O&M) Manuals, the training of O&M personnel, the oversight of facility start-up and optimization, and the certification of facility performance.

Associated with the construction of each project, the Design Branch was involved in the review of submittals, requests for information, equipment and materials substitutions, and equipment manuals. The branch participated in regular project meetings, resolution of field conflicts and changes, and resolution of claims and disputes.

Associated with the support of wastewater functions and facilities, the branch was involved in the evaluation, troubleshooting, emergency procurement and repair of the collection system, pump stations, force mains, and treatment plants; and the review of reports, designs and submittals from private developers and other governmental agencies.

Wastewater Design Projects to Bid

<u>Project</u>	<u>Bid Price</u>	<u>Contingency</u>	<u>Total</u>
• Aeloa Street Emergency Manhole Repair	\$ 13,606	\$ 0	\$ 13,606
• Fort DeRussy Sewer FM Extension	4,700,620	299,380	5,000,000
• Fort St. Mall/Hotel Street Sewer Rehab/Replacement (SMPR 60)	953,686	95,368	1,049,054
• Fort Weaver Road Manhole and Pipe Rehabilitation	2,179,785	217,978	2,397,763
• Honouliuli WWTP – New Solids Handling Facility	31,317,875	3,131,787	34,449,662
• Ka Hanahou Circle Sewer Rehabilitation	817,861	81,786	899,647
• Kailua Road Sewers, I.D.	1,622,260	160,609	1,782,869
• Kailua Wastewater Treatment Plant – Replace Primary Effluent Line	340,144	34,014	374,158
• Kamehameha Highway FM – Replace Concrete Cylinder Pipe	915,706	91,570	1,007,276
• Kaneohe Bay South WWPS #5, Emergency UST Testing	12,500	12,500
• Kaneohe WWPTF Electrical Distribution System Upgrade	545,595	54,559	600,154
• Kukanono WWPS FM Partial Replacement	180,770	18,077	198,847
• Laukoa Place Sewer Rehab/Replacement (SMPR 77)	729,692	72,969	802,661
• Rehabilitation of Sewer Lines on Oahu, Contract No. 001	1,308,055	0	1,308,055
• Sand Island Basin Miscellaneous Sewer Rehab	3,573,195	356,805	3,930,000
• Sand Island WWTP Construction Soil Management	5,000,000	100,000	5,100,000
• Sand Island WWTP, Gravity Thickener Modifications	608,843	60,884	669,727
• Sand Island WWTP Primary Expansion Phase 1	67,697,000	6,769,000	74,466,000
• Ward Avenue – Emergency Repair	826,000	826,000
• Total	<u>\$123,343,193</u>	<u>\$11,544,786</u>	<u>\$134,887,979</u>

Wastewater Projects Under Design

• Ala Moana Force Main Repair – Junction Box	\$ 100,000
• Ala Moana WWPS FM No. 1 Rehabilitation	100,000
• Ala Wai Trunk Sewer Relief	6,000,000
• Beachwalk (New) Wastewater Pump Station FM	30,000,000
• Enchanted Lake Wastewater Pump Station Upgrade	230,000
• Fort DeRussy WWPS Modification	2,000,000
• Halona Street Relief Sewer	3,700,000
• Hart Street Force Main Repair	1,000,000
• Honouliuli Wastewater Treatment Plant Solids Handling Facilities	40,000,000
• Honouliuli WWTP, Automation	5,000,000
• Honouliuli WWTP, Modify Primary Clarifier Catwalks and Covers	410,000
• Ilimalia Loop/Mokapu Blvd. Reconstructed Sewer	3,100,000
• Ka Hanahou Circle Sewer Rehabilitation	1,500,000
• Kailua RWWTP, Digester Covers	2,200,000
• Kailua RWWTP, Primary Clarifier Dewatering System	500,000
• Kailua RWWTP, Replace Primary Sludge Pumps and Force Main	1,300,000
• Kalaheo Avenue/Mokapu Blvd./Aikahi Loop Sewer Rehab	10,000,000
• Kalakaua Avenue Sewer Rehabilitation (SMPR No. 27)	2,200,000
• Kamehameha Highway WWPS Force Main, Replace Concrete Cylinder Pipe	900,000
• Kaneohe Bay South WWPS No. 1 – Improvements	2,200,000
• Kaneohe Bay South WWPS No. 2 – Replace Station Force Main	110,000

• Kaneohe Bay WWPS No.1 – Refurbish WWPS	2,000,000
• Kapiolani Area Revised Sewer System	5,600,000
• Kuliouou Sewer Rehab & WWPS Modification	6,552,000
• Niu Valley WWPS FM Replacement	798,000
• Pacific Palisades WWPS – Repair Access Road (pre-design)	300,000
• Peterson Lane (SMPR No. 92) and Pua Lane (SMPR No. 93) Sewer Rehab	3,512,070
• Rehabilitation of Sewer Lines on Oahu, Contract No. 002	10,000,000
• Sand Island WWTP – Replace Air Conditioning System for Control Bldg	1,300,000
• Sand Island WWTP Expansion, Primary Treatment – Phase 2	90,000,000
• St. Louis Heights Sewer Rehabilitation	20,000,000
• Waimalu Sewer Rehabilitation – 7D01C	25,000,000
• Waimanalo WWTP, Replace Sludge Holding Tank Covers	200,000
• Wanaao Road/Keolu Drive Reconstructed Sewer	31,000,000
Total	<u>\$ 308,812,000</u>



Kainehe Street, Hamakua Drive and Keolu Drive reconstructed sewer.

During the fiscal year, the **Construction Management Branch** completed eighteen 18 projects. The total of the final costs for these projects was \$43,133,500. Thirty-two (32) projects with a total contract value of \$317,191,752.82 were still under construction as of June 30, 2006.

Wastewater Construction Projects Completed

• Ala Moana Wastewater Pump Station Force Main Emergency Repair	\$ 2,888,298.69
• Aumoe Street Sewer Replacement (SMPR No. 19)	619,136.06
• Fort Weaver Road/Hapalua Street Sewer Rehabilitation	70,456.90
• Fuel System Modification at Honouliuli WWTP, Waianae WWTP and Laenani WWPS	151,950.37
• Halekoa Drive and Palipaa Place (SMPR No. 48)	231,700.00
• Hart Street WWPS Force Main Emergency Repair	1,360,866.72
• Honouliuli WWTP Centralized Odor Control System	218,450.93
• Kahaluu Housing WWPS and Force Main	2,687,975.94
• Kalaheo Avenue Reconstructed Sewer (Phase 1)	19,182,092.43
• Kaneohe Bay South No. 5 WWPS Underground Fuel Tank Repairs and Modification	18,884.00
• Kaneohe Bay Sewers, Improvement District No. 275	3,976,446.72
• Kaneohe/Kamehameha Highway Reconstructed Sewer	1,148,800.00
• Kiwila Street/10 th Avenue Reconstructed Sewer (SMPR No. 11)	217,220.00
• Laie Wastewater Collection System Expansion, Phase 1	7,703,536.05
• Magazine Street Sewer Line Replacement (SMPR No. 3)	924,300.00
• Niu Valley Wastewater Pump Station Force Main Emergency Repair	1,236,070.54

• Pacific Palisades Access Road Emergency Repair	325,273.53
• Waianae WWTP Reroute Gravity Sewer Lines	172,041.11
Total	<u>\$ 43,133,499.99</u>

Wastewater Construction Project Contracts On-Going

• Ahuimanu Wastewater PTF Headworks Modification	\$ 658,362.00
• Ala Moana Wastewater Pump Station Modifications	18,470,700.57
• Beachwalk WWPS Emergency Construction Bypass	9,000,000.00
• Fort Street Mall Sewer Rehabilitation (SMPR No. 60)	953,686.00
• Fort Weaver Road Manhole and Pipe Rehabilitation	2,179,785.00
• Fort Weaver Road Reconstructed Sewer	3,327,117.17
• Hart Street WWPS Alternative	23,065,866.03
• Honouliuli WWTP Solids Handling Facility, Interim Modifications	1,998,733.85
• Ka Hanahou Circle Sewer Rehabilitation	817,861.00
• Kahuanani Street Sewer Replacement (SMPR No. 85)	1,780,079.98
• Kailua WWTP – Replace Primary Effluent Line	340,144.00
• Kainehe Street, Hamakua Drive and Keolu Drive Reconstructed Sewer	26,378,439.62
• Kalaeo Avenue Reconstructed Sewer (Phase 1, Emergency Work)	30,536,257.34
• Kamehameha Highway Trunk Sewer Reconstruction	938,298.21
• Kaneohe Wastewater PTF Demolition Plan, Phase 1	779,247.24
• Kapiolani Boulevard Sewer Emergency Repair	1,676,281.50
• Kukanono WWPS Force Main Partial Replacement	180,770.00
• Laukoa Place Sewer Rehabilitation (SMPR No. 77)	729,692.00
• Nimitz Highway Sewer Reconstruction at OCCC	2,090,943.00
• Niu Valley WWPS Force Main Reconstruction	9,000,000.00
• Pearl City Force Main Emergency Repair	126,815.67
• Public Baths WWPS Modification	1,951,047.00
• Replace Concrete Cylinder Pipe – Kamehameha Highway WWPS	915,706.00
• Sand Island Basin Miscellaneous Sewer Rehabilitation	3,573,195.00
• Sand Island Parkway Wastewater Pump Station Modification	1,018,564.24
• Sand Island WWTP UV Disinfection Facility and Effluent Pump Station	76,976,716.55
• Sand Island WWTP Modification Unit I, Phase 2A	93,966,588.08
• Sand Island WWTP Refurbish Gravity Thickener	635,158.77
• Sand Island WWTP Refurbish Gravity Thickener No. 2	350,000.00
• Waiomao Stream Sewer Replacement Rehabilitation (SMPR No. 24)	328,091.00
• Waipahu Street/Plantation Village Sewer Reconstruction	1,621,606.00
• Ward Avenue Sewer Tunnel Repair	826,000.00
Total	<u>\$ 317,191,752.82</u>